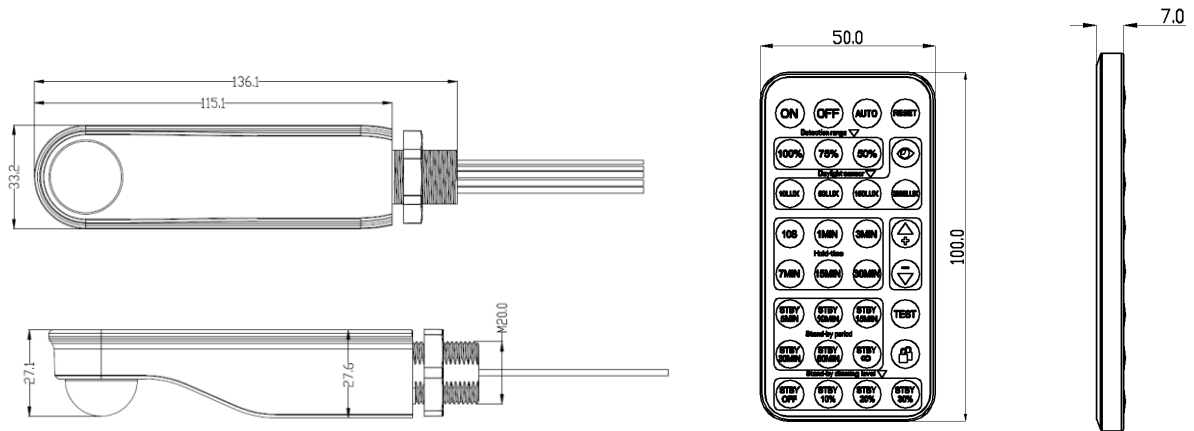


SSEN/BP/DIM/WH



Instructions for SSEN/BP/DIM/WH infrared motion sensor!

This luminaire mounted PIR sensor utilizes a good sensitivity detector and integrated circuit for energy-saving, safety and practical functionality. It utilizes infrared technology to detect movement of the human body and will switch on the load once someone enters the detection field. It has an inbuilt photocell to detect between day and nighttime operation.

SPECIFICATION:



Power Source: 220-240V/AC

Power Frequency: 50/60Hz

Daylight sensor: <3-2000LUX (adjustable)

Hold Time: Min.10sec±3sec

Max.30min±2min

Rated Load: Max.1200W 
500W 

Power Consumption: approx 0.5W

Stand-by Period: 5min, 10min, 15min, 30min
60min, +∞(selectable)

Detection Range: 360°

Detection Range: 50%, 75%, 100% (selectable)

Detection Distance: 10m max(<24°C)

Working Temperature: -20~+40°C

Working Humidity: <93%RH

Installation Height: 2-6m

Detection Moving Speed: 0.6-1.5m/s

Automatic Lighting Range: 10LUX-300LUX

Stand-by Dimming Level: OFF, 10%, 20%,

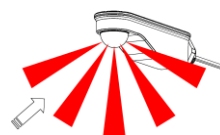
30% (selectable)

FUNCTION:

- Can identify day and night: The installer can adjust the switching point at different ambient light levels, adjustable between 3LUX and 2000LUX.
- Time-Delay is extended continually: During periods of continued occupancy, the sensor will restart the time delay with each detection of movement.



Good sensitivity



Poor sensitivity

INSTALLATION ADVICE:

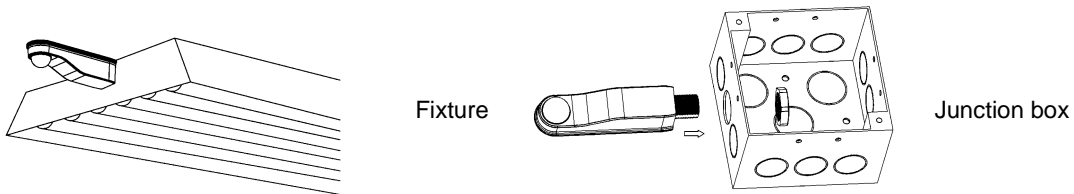
As the detector responds to changes in temperature, avoid the following situations:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, lights etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.



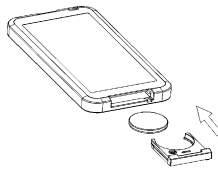
INSTALLATION: (see the diagram)

- Switch off the power.
- Connect the power and the load to sensor as per the wiring diagram.
- Switch on the power and test the functionality.

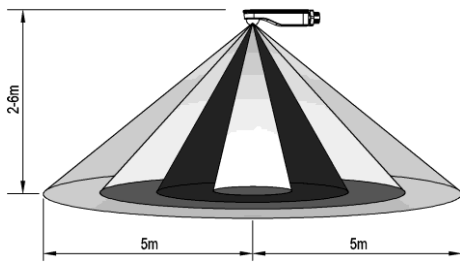


Battery replacement

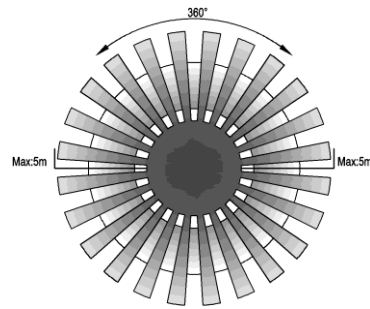
- Pull out the battery holder
- Put in a new battery (3V)



SENSOR INFORMATION:

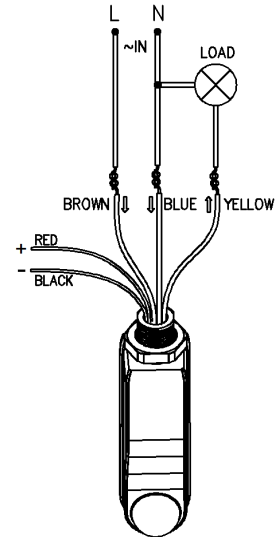


Height of installation: 2-6m



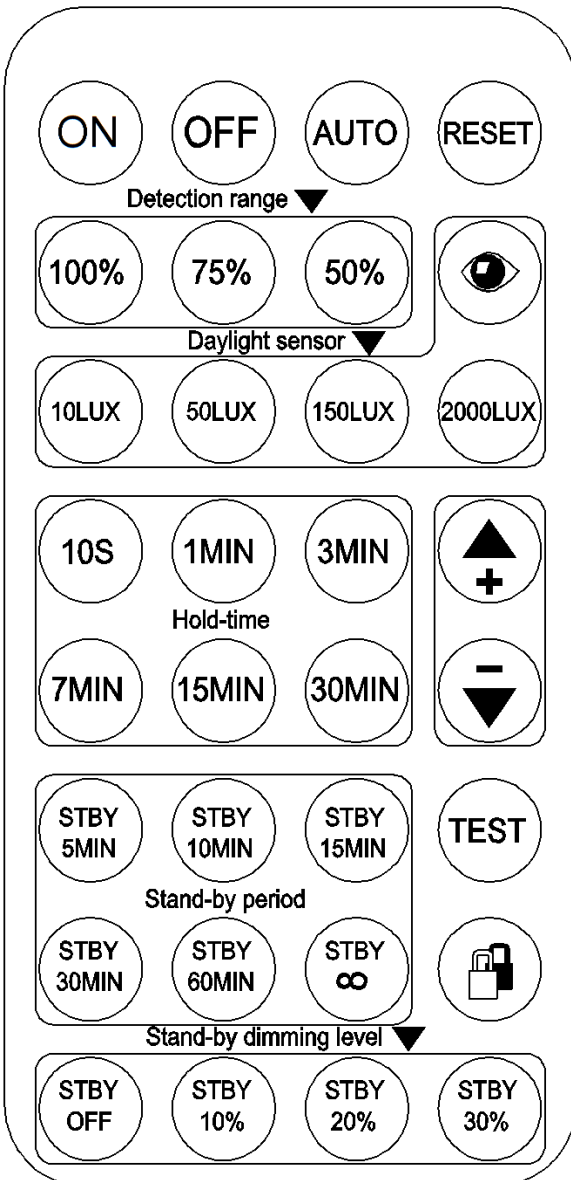
Detection Distance: Max.10m

WIRING DIAGRAM (See the right image)



It requires a remote control for setting all parameters! About the details kindly see in “IR REMOTE CONTROLLER” as below.

IR REMOTE CONTROLLER



- **ON** Load override ON (After 8hours, return to AUTO mode)
- **OFF** Load override OFF (After 8hours, return to AUTO mode)
- **AUTO** Set load to operate depending on motion
- **RESET** Sensor works according to dial setting
- **Eye icon** Automatically detect the actual ambient light level and the sensor switches according to this LUX value stored, range 0-2000LUX
- **Lock icon** Lock & unlock remote controller buttons
- **TEST** Test mode
- **100% 75% 50%** Adjust detection range
- **10LUX 50LUX 150LUX 2000LUX** Adjust LUX value from 10-2000LUX
- **10S 1MIN 3MIN 7MIN 15MIN 30MIN** Set on time
- **STBY 5MIN STBY 10MIN STBY 15MIN STBY 30MIN STBY 60MIN STBY infinity STBY OFF** Set hold time of load in dimming level
- **STBY 10% STBY 20% STBY 30%** Set load's dimming level or switch off load when there is no motion detection
- **+ -** Manually dim level from 100% to 10%

TROUBLESHOOTING:

- The load does not switch on:
 - a. Please check if the wiring of power and load is correct.
 - b. Please check if the load is operational.
 - c. Please check if the light level is set to the correct level.
- The sensitivity is poor:
 - a. Please check if there has any hindrance in front of the detector which may affect the signal.
 - b. Please check if the ambient temperature is too high.
 - c. Please check if the movement is in the detection field.
 - d. Please check if the installation height corresponds to the height showed in the instruction.
 - e. Please check if the moving orientation is correct.
- The sensor does not turn off the load automatically:
 - a. Please check if there is continual movement in the detection field.
 - b. Please check if the time delay is set to the longest duration.
 - c. Please check if the wiring corresponds to the instruction.